

**GROUNDWATER MONITORING REPORT ANNUAL EVENT
JANUARY/FEBRUARY 2001**

BRC Former C-6 Facility
Los Angeles, California

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about 55 to 90 feet. Two deeper wells, WCC-1D and WCC-3D, were completed in a deeper zone at about 115 to 140 feet. Well WCC-1D has since been abandoned (Table 1).

The following primary hydrogeologic units are recognized in the general vicinity of the Site:

FORMATION	HYDROSTRATIGRAPHIC UNIT	
<i>Lakewood Formation (Upper Pleistocene)</i>	Bellflower Aquitard	Upper Bellflower Aquitard (UBF)
		Middle Bellflower Sand (MBF, MBFM, MBFC, MBFB/C)
		Lower Bellflower Aquitard (LBF)
	Gage Aquifer (GAGE)	
<i>San Pedro (Lower Pleistocene)</i>	Gage Lynwood Aquitard (GLA)	
	Lynwood Aquifer (LYNWOOD)	
	Unnamed Aquitard	
	Silverado Aquifer	

The relatively fine-grained Upper Bellflower Aquitard (UBF) is continuous across the area, but thins to the northwest. The UBF is comprised of laminated to massive yellowish brown muds with local sands and fossiliferous zones. The UBF is found at the surface beneath the Site and is approximately 25 feet thick.

The Middle Bellflower Aquitard (MBF) is a massive, light yellowish brown, fine to medium sand with local muddy zones. An extensive mud layer referred to as the Middle Bellflower Mud (MBFM) locally interrupts this sand. Where divided, the sand subunits are referred to as the B-Sand (MBFB) and C-Sand (MBFC). The MBFM is discontinuous across the area and is comprised of laminated silts and layered silts and very fine sands. Deeper borings at the former ILM facility and the Site do not always encounter the MBFM. The MBFB is found at an approximate depth of 25 feet bgs at the Site and is generally from 25 feet to 40 feet thick. The MBFM is found at different depths across the Site ranging from an approximate minimum depth of 40 feet bgs to an approximate maximum depth of 80 feet bgs. The MBFC is found at an approximate depth of 75 to 90 feet bgs at the Site.

The fine-grained Lower Bellflower Aquitard (LBF) appears to be continuous across the area. It occurs at an approximate depth of 110 to 120 feet bgs and ranges in thickness from 10 to 25 feet thick. The LBF separates the Bellflower sands from the underlying Gage Aquifer. The Gage Aquifer in the Site vicinity is predominately sand and ranges in thickness from 40 to 78 feet. No monitoring wells are drilled into the Gage Aquifer at the Site.